

**SECTION 18. NEW SOURCE PERFORMANCE STANDARDS AND EMISSION LIMITS FOR EXISTING SOURCES**

(A) Standards of Performance for New Stationary Sources.

Notwithstanding any other provisions of these regulation, the following “Standards of Performance for New Stationary Sources” published at 40 CFR Part 60, effective July 1, 2003, unless otherwise indicated are hereby adopted by reference and incorporated herein:

- (1) General Provisions - Subpart A
- (2) Ammonium sulfate manufacture - Subpart PP
- (3) Asphalt processing and asphalt roofing manufacture - Subpart UU
- (4) Automobile and light duty truck surface coating operations - Subpart MM
- (5) Beverage can surface coating industry - Subpart WW
- (6) Bulk gasoline terminals - Subpart XX
- (7) Calciners and Dryers in Mineral Industries - Subpart UUU (57 Federal Register 44496, September 28,1992)
- (8) Coal preparation plants - Subpart Y
- (9) Commercial and industrial solid waste incineration units - Subpart CCCC
- (10) Electric arc furnaces and argon-oxygen decarbonization vessels constructed after August 17, 1983 - Subpart AAa
- (11) Electric arc furnaces constructed after October 21, 1974 and on or before August 17, 1983 - Subpart AA
- (12) Electric Utility Steam Generator Units for which construction was commenced after September 18, 1978 - Subpart Da
- (13) Equipment leaks of VOC from onshore natural gas processing plants - Subpart KKK
- (14) Equipment leaks of VOC in petroleum refineries - Subpart GGG
- (15) Equipment leaks of VOC in the synthetic organic chemicals manufacturing industry - Subpart VV
- (16) Ferroalloy production facilities - Subpart Z
- (17) Flexible vinyl and urethane coating and printing - Subpart FFF
- (18) Fossil-Fuel-Fired Steam Generators for which construction is commenced after August 17, 1971 - Subpart D
- (19) Glass manufacturing plants - Subpart CC
- (20) Grain elevators - Subpart DD
- (21) Graphic arts industry: publication rotogravure printing - Subpart QQ
- (22) Hospital/medical/infectious waste incinerators - Subpart Ec
- (23) Hot Mix Asphalt facilities (Asphalt concrete plants) - Subpart I
- (24) Industries-Commercial Institutional Steam Generating Units - Subpart Db
- (25) Industrial surface coating: large appliances - Subpart SS
- (26) Industrial surface coating: plastic parts for business machines - Subpart TTT
- (27) Lead-acid battery manufacturing plants - Subpart KK
- (28) Lime manufacturing plants - Subpart HH
- (29) Magnetic tape coating facilities - Subpart SSS
- (30) Metal coil surface coating - Subpart TT
- (31) Metallic mineral processing plants - Subpart LL
- (32) Municipal incinerators - Subpart E
- (33) Municipal Solid Waste Landfill - Subpart WWW
- (34) Municipal Waste Combustor - Subpart Ea & Eb
- (35) Municipal waste combustor - Subpart Eb
- (36) Municipal waste combustion unit (small) - Subpart AAAA
- (37) New Residential Wood Heater - Subpart AAA
- (38) Nitric Acid Plants - Subpart G
- (39) Nonmetallic mineral processing plants - Subpart OOO
- (40) Onshore natural gas processing; SO<sub>2</sub> emissions - Subpart LLL
- (41) Petroleum dry cleaners - Subpart JJJ
- (42) Petroleum refineries - Subpart J

- (43) Phosphate fertilizer plants - Subpart T through X
  - (44) Phosphate rock plants - Subpart NN
  - (45) Polymeric coating of supporting substrates facilities - Subpart VVV
  - (46) Portland cement plants - Subpart F
  - (47) Pressure sensitive tape and label surface coating operations - Subpart RR
  - (48) Primary aluminum reduction plants - Subpart S
  - (49) Primary Copper smelters - Subpart P
  - (50) Primary emissions from basic oxygen process furnaces for which construction is commenced after June 11, 1973 - Subpart N
  - (51) Primary lead smelters - Subpart R
  - (52) Primary zinc smelters - Subpart Q
  - (53) Rubber Tire Manufacturing Industry - Subpart BBB
  - (54) Secondary Brass and Bronze Production Plants - Subpart M
  - (55) Secondary emissions from basic oxygen process steel making facilities for which construction commenced from after January 20, 1983 - Subpart Na
  - (56) Secondary lead smelters - Subpart L
  - (57) Sewage Treatment Plants - Subpart O
  - (58) Small industries-commercial - institutional steam generation units - Subpart Dc
  - (59) Stationary gas turbines - Subpart GG
  - (60) Storage vessels for petroleum liquids for which construction, reconstruction, or modification commenced after June 11, 1973, and prior to May 19, 1978 - Subpart K
  - (61) Storage vessels for petroleum liquids for which construction, reconstruction, or modification commenced after May 18, 1978, and prior to July 23, 1984 - Subpart Ka
  - (62) Sulfuric Acid Plants - Subpart H
  - (63) Surface coating of metal furniture - Subpart EE
  - (64) Synthetic fiber production facilities - Subpart HHH
  - (65) Volatile Organic Compounds (VOC) emissions from petroleum refinery waste water systems - Subpart QQQ
  - (66) Volatile Organic Compounds (VOC) emissions from the polymer Manufacturing Industry - Subpart DDD
  - (67) Volatile Organic Compounds (VOC) emissions from the synthetic organic chemical manufacturing industry (SOCMI) air oxidation unit process - Subpart III
  - (68) Volatile Organic Compounds (VOC) emissions from the synthetic organic chemical manufacturing industry (SOCMI) distillation operations - Subpart NNN
  - (69) Volatile Organic Compound (VOC) emissions from the synthetic organic chemical manufacturing industry (SOCMI) reactor processes - Subpart RRR
  - (70) Volatile organic liquid storage vessels (including petroleum liquid storage vessels) for which construction, reconstruction, or modification commenced after July 23, 1984 - Subpart Kb
  - (71) Wool fiberglass insulation manufacturing plants constructed after February 7, 1984 - Subpart PPP
  - (72) Appendices A, B, C, and F.
- (B) Except as provided in D below, standards of performance are applicable only to those new, modified, or reconstructed facilities specified or defined as an “affected facility”.
- (C) Should the source need assistance in determining the CFR requirements the Department will provide the needed information on request.
- (D) Emission Limits for Existing Stationary Sources. Notwithstanding any other provisions of these Regulations and Standards, the following emission limits are applicable to existing sources as follows:
- (1) Municipal solid waste (MSW) landfills. The designated facility to which these limits apply is each existing MSW landfill for which construction, reconstruction or modification was commenced before May 30, 1991, which has accepted waste at any time since November 8, 1987, or had additional capacity available for future waste deposition.

- (a) Each designated facility shall submit an initial design capacity report 90 days after adoption of this section on forms provided by the Department. The final determination of design capacity shall be subject to review and approval by the Department. Any changes in the physical boundaries, operation or waste deposition practices which increase or decrease the design capacity of the landfill shall require the submittal of an amended design capacity report.
  - (b) Each designated facility having an aggregate design capacity of 2.5 million megagrams or 2.5 million cubic meters or more shall calculate and report nonmethane organic compound (NMOC) emissions as provided for new MSW landfills under Section 18, (A)(33) beginning 90 days after adoption of this section.
  - (c) Each designated facility having an NMOC emission rate of 50 megagrams per year or more shall design, install and operate a landfill gas collection and control system (LGCCS) as provided for new MSW landfills under Section 18, (A)(33).
  - (d) Each designated facility subject to the control provisions of (D)(1)(c) above shall submit the LGCCS design for Department review within 1 year of the first report in which NMOC emissions equal or exceed 50 megagrams per year, and shall install the approved LGCCS within 30 months of that report, except as provided under Section 18(A)(33).
  - (e) Each designated facility subject to the control provisions of (D) (1) (c) above shall conduct testing, monitoring record keeping and reporting for the LGCCS as provided for new landfills under Section 18 (A)(33).
- (2) Hospital/medical/infectious waste incinerators. The designated facility to which these limits apply is each individual hospital/medical/infectious waste incinerator for which construction, reconstruction or modification was commenced on or before June 20, 1996. The emission limits under this section apply at all times except during startup, shutdown or malfunction, provided that no hospital waste or medical/infectious waste is charged to the designated facility during startup, shutdown or malfunction. For purposes of this section, the definitions in 40 CFR Part 60, Subpart 60.31e, and the exceptions and exemptions from the definition of designated facility in 40 CFR Part 60, Subpart 60.32e(b) through (h), are adopted by reference and incorporated herein.
- (a) Each designated facility subject to this section shall be operated pursuant to a Class I operating permit.
  - (b) For purposes of this section, the size classifications and emission limits provided in Tables 1 and 2 of 40 CFR Part 60, Subpart C are adopted by reference and incorporated herein. On or after the date on which the initial compliance test is required, no designated facility shall cause to be discharged into the atmosphere any gases that contain stack emissions in excess of the limits for its size, as provided in either Table 1 or 2, as applicable, or exhibit greater than 10 percent opacity, as evaluated by Method 9 in Appendix A of 40 CFR Part 60.
  - (c) Each designated facility subject to the provisions of this section shall comply with the requirements for operator training and qualification, waste management plans, and record keeping and reporting, except for requirements relating to siting and fugitive emissions, as provided for new sources under Section 18(A)(22).
  - (d) Each designated facility subject to the provisions of Table 1 as adopted in (D)2.b. shall comply with the requirements for compliance and performance testing and monitoring, except for fugitive emissions testing, as provided for new sources under Section 18(A)(22).
  - (e) Each designated facility subject to the provisions of Table 2 as adopted under (D)2.b. shall undergo an initial equipment inspection within 1 year of the effective date of this section, and subsequent equipment inspections no more than 12 months following each previous equipment inspection. For purposes of this paragraph, the inspection requirements in 40 CFR Part 60, Subpart 60.36e(a)(1) and (2) are adopted by reference.

- (f) Each designated facility subject to the provisions of Table 2 as adopted under (D)2.b. shall comply with the following:
  - (1) Requirements for compliance and performance testing as provided in 40 CFR Part 60, Subpart 60.37e(b)(1) through (5)
  - (2) Requirements for monitoring as provided in 40 CFR Part 60, Subpart 60.37e(d)(1) through (3); and
  - (3) Requirements for reporting and record keeping as provided in 40 CFR Part 60, Subpart 60.38e(b)(1) and (2).

Ref: Title 129, Chapter 18, Nebraska Department of Environmental Quality